

IN THE SPECIFICATION:

Please replace the paragraph on page 15, starting at line 18 and ending at line 23 with the following replacement paragraph.

During the process of the above mentioned reaction, the reactive gas on the ~~left side~~ right side is incessantly introduced by the gas leading valve 22, the product on the right is evacuated by the vacuum pump 23, and the above mentioned reaction expressions are proceeding right.

Please replace the paragraph on page 20, starting at line 4 and ending at line 11 with the following replacement paragraph.

For example, when the distance between the anode 24 (FIG. 2A) and the cathode electrode 3 is 2 mm, and 10 kV is applied, the vertical field is 5 V/ μ m. In this case, the distance and the device voltage are to be determined such that the electron emission field of the electron-emitting member to be used is larger than 5 V/ μ m, and corresponds to be the selected electron emission field.

Please replace the paragraph on page 20, starting at line 18 and ending at line 22 with the following replacement paragraph.

The "vertical field" according to the present invention refers to an "electric field in the direction substantially perpendicular to the surface of the substrate 1", or an "electric field in the direction of the substrate 1 opposite an anode electrode 61" (FIG. 6).

Please replace the paragraph starting on page 22, line 19 and ending at page 23, line 20 with the following replacement paragraph.

Especially, an electron-emitting device using a set of graphite nanofiber is not limited to the device structure according to the present invention shown in FIGS. 2 and 3, but can emit electrons in a low electric field, can obtain a large emission current, can be easily produced, and obtains an electron-emitting device having a stable electron emission characteristic. For example, a graphite nanofiber emitter is used, an electron-emitting device can be obtained by preparing an electrode for controlling the electron emission from the emitter, and a light emitting apparatus such as a lamp, etc. can be formed using a light emission member emitting light by the irradiation of an electron emitted from a graphite nanofiber. Furthermore, by arranging plural arrays of electron-emitting devices using the above mentioned graphite nanofiber and by preparing an anode electrode comprising a light emission member such as a phosphor, etc., an image-forming apparatus such as a display, etc. can be configured. An electron-emitting device, a light emitting device, and an image-forming apparatus using graphite nanofiber can stable emit electrons without keeping the inside of each device in a vacuum state as in the conventional electron-emitting device. Furthermore, since electrons can be emitted in a low field, a reliable device can be easily produced. As a result, the producing method according to the present invention is more recommendable in the device using the graphite nanofiber.